

# LANG00023: [CHEM] Accelerated Academic Language and Literacy

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(11) How Bacteria Rule Over Your Body – The Microbiome - YouTube. (n.d.).  
<https://www.youtube.com/watch?v=VzPD009qTN4&t=319s>

Believe you can stop climate change and you will: If we believe that we can personally help stop climate change with individual actions -- such as turning the thermostat down -- then we are more likely to make a difference, according to research from the University of Warwick -- ScienceDaily. (n.d.).

<https://www.sciencedaily.com/releases/2017/05/170504121947.htm>

Bevilacqua, L., & Goldman, D. (2009). Genes and Addictions. *Clinical Pharmacology & Therapeutics*, 85(4), 359–361. <https://doi.org/10.1038/clpt.2009.6>

Bidewell, J. W., & Chang, E. (2011). Managing dementia agitation in residential aged care. *Dementia*, 10(3), 299–315. <https://doi.org/10.1177/1471301211407789>

Bioethics | Internet Encyclopedia of Philosophy. (n.d.-a). <https://www.iep.utm.edu/bioethic/>

Bioethics | Internet Encyclopedia of Philosophy. (n.d.-b). <https://www.iep.utm.edu/bioethic/>

Bull, S., Cheah, P. Y., Denny, S., Jao, I., Marsh, V., Merson, L., Shah More, N., Nhan, L. N. T., Osrin, D., Tangseefa, D., Wassenaar, D., & Parker, M. (2015). Best Practices for Ethical Sharing of Individual-Level Health Research Data From Low- and Middle-Income Settings. *Journal of Empirical Research on Human Research Ethics*, 10(3), 302–313.  
<https://doi.org/10.1177/1556264615594606>

Burlá, C., Rego, G., & Nunes, R. (2014). Alzheimer, dementia and the living will: a proposal. *Medicine, Health Care and Philosophy*, 17(3), 389–395.  
<https://doi.org/10.1007/s11019-014-9559-8>

Challenges of Confidentiality in Clinical Settings: Compilation of an Ethical Guideline. (2018). *Iranian Journal of Public Health*, 47(6).  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6077627/>

Chimera or still a human? (YouTube video). (n.d.).  
<https://www.youtube.com/watch?v=cInGzVzz-sE>

Cookson WO1, Moffatt MF. (2000). Genetics of asthma and allergic disease. *Hum Mol Genet*. <https://www.ncbi.nlm.nih.gov/pubmed/11005790>

Crane, A. T., Voth, J. P., Shen, F. X., & Low, W. C. (2019). Concise Review: Human-Animal Neurological Chimeras: Humanized Animals or Human Cells in an Animal? *STEM CELLS*, 37(4), 444–452. <https://doi.org/10.1002/stem.2971>

dementia. (n.d.). <http://jaapl.org/content/jaapl/43/3/287.full.pdf>

Dinan, T. G., & Cryan, J. F. (2013). Melancholic microbes: a link between gut microbiota and depression? *Neurogastroenterology & Motility*, 25(9), 713–719. <https://doi.org/10.1111/nmo.12198>

Do your gut microbes affect your brain dopamine? (n.d.). <https://link-springer-com.bris.idm.oclc.org/search?dc.title=Do+your+gut+microbes+affect+your+brain+dopamine&date-facet-mode=between&facet-start-year=2019&dc.creator=gonza%3Flez-arancibia&showAll=true>

Douglas, T., & Savulescu, J. (2009). Destroying unwanted embryos in research. *EMBO Reports*, 10(4), 307–312. <https://doi.org/10.1038/embor.2009.54>

Drugs and the Brain | National Institute on Drug Abuse (NIDA). (n.d.). <https://www.drugabuse.gov/publications/drugs-brains-behavior-science-addiction/drugs-brain>

Eldadah, B. A., Fazio, E. M., & McLinden, K. A. (2019). Lucidity in dementia: A perspective from the NIA. *Alzheimer's & Dementia*, 15(8), 1104–1106. <https://doi.org/10.1016/j.jalz.2019.06.3915>

Enmarker, I., Olsen, R., & Hellzen, O. (2011). Management of person with dementia with aggressive and violent behaviour: a systematic literature review. *International Journal of Older People Nursing*, 6(2), 153–162. <https://doi.org/10.1111/j.1748-3743.2010.00235.x>

Farmer, A. D., Randall, H. A., & Aziz, Q. (2014). It's a gut feeling: How the gut microbiota affects the state of mind. *The Journal of Physiology*, 592(14), 2981–2988. <https://doi.org/10.1113/jphysiol.2013.270389>

From Genes to Addiction: How Risk Unfolds Across the Lifespan | Dr. Danielle Dick | TEDxRVA - YouTube. (n.d.). <https://www.youtube.com/watch?v=TAFqr2zUWkM>

Geha RS. (2003). Allergy and hypersensitivity. Nature versus nurture in allergy and hypersensitivity. *Curr Opin Immunol*. <https://www.ncbi.nlm.nih.gov/pubmed/14630191>

Genes and Addiction. (n.d.). <https://learn.genetics.utah.edu/content/addiction/genes/>

Gupta, R., Chari, D., & Ali, R. (2015). Reversible dementia in elderly: Really uncommon? *Journal of Geriatric Mental Health*, 2(1). <https://doi.org/10.4103/2348-9995.161378>

Heckmann, J., Lang, C., & Neundörfer, B. (2000). Reversible dementia due to coexisting disease. *The Lancet*, 355(9220). [https://doi.org/10.1016/S0140-6736\(05\)73530-3](https://doi.org/10.1016/S0140-6736(05)73530-3)

Hermeren, G. (2015). Ethical considerations in chimera research. *Development*, 142(1), 3–5. <https://doi.org/10.1242/dev.119024>

How addiction hijacks the brain - Harvard Health. (n.d.).  
[https://www.health.harvard.edu/newsletter\\_article/how-addiction-hijacks-the-brain](https://www.health.harvard.edu/newsletter_article/how-addiction-hijacks-the-brain)

How we care for the environment may have social consequences: New research suggests gender associations with behaviors may impact impressions, interactions -- ScienceDaily. (n.d.). <https://www.sciencedaily.com/releases/2019/07/190730141837.htm>

Huang YJ<sup>1</sup>, Boushey HA<sup>2</sup>. (2015). The microbiome in asthma. *J Allergy Clin Immunol*. <https://www.ncbi.nlm.nih.gov/pubmed/25567040>

Human Embryonic Stem Cell Research — University of Leicester. (n.d.).  
<https://www2.le.ac.uk/projects/genie/gs/law/lawembryonic>

Hyun, I. (2016). What's Wrong with Human/Nonhuman Chimera Research? *PLOS Biology*, 14(8). <https://doi.org/10.1371/journal.pbio.1002535>

Hyun, I. (2019). Ethical considerations for human-animal neurological chimera research: mouse models and beyond. *The EMBO Journal*, 38(21).  
<https://doi.org/10.15252/embj.2019103331>

Impacts of Drugs on Neurotransmission | National Institute on Drug Abuse (NIDA). (n.d.).  
<https://www.drugabuse.gov/news-events/nida-notes/2017/03/impacts-drugs-neurotransmission>

Intestinal Microbiota, Probiotics and Mental Health: From Metchnikoff to Modern Advances: Part I. (n.d.). <https://www.biomedcentral.com/search?query=10.1186/1757-4749-5-5>

Intestinal Microbiota, Probiotics and Mental Health: From Metchnikoff to Modern Advances: Part II. (n.d.). <https://www.biomedcentral.com/search?query=10.1186/1757-4749-5-3>

Intestinal Microbiota, Probiotics and Mental Health: From Metchnikoff to Modern Advances: Part III. (n.d.).  
<https://www.biomedcentral.com/search?query=%22Intestinal+microbiota%2C+probiotics+and+mental+health%3A+from+Metchnikoff+to+modern+advances%3A+part+III+-+convergence+toward+clinical+trials%22>

Jonathan Haidt. (2019). By mollycoddling our children, we're fuelling mental illness in teenagers | Jonathan Haidt and Pamela Paresky. *Guardian*.  
<https://www.theguardian.com/commentisfree/2019/jan/10/by-mollycoddling-our-children-were-fuelling-mental-illness-in-teenagers>

Knowing your neighbor cares about the environment encourages people to use less energy -- ScienceDaily. (n.d.). <https://www.sciencedaily.com/releases/2018/09/180917111533.htm>

Koplin, J., & Wilkinson, D. (2019). Moral uncertainty and the farming of human-pig chimeras. *Journal of Medical Ethics*, 45(7), 440–446.  
<https://doi.org/10.1136/medethics-2018-105227>

Lazzaro BP<sup>1</sup>, Schneider DS<sup>2</sup>. (2014). The genetics of immunity. *G3 (Bethesda)*. <https://www.ncbi.nlm.nih.gov/pubmed/24939182>

Lo, B., & Parham, L. (2009). Ethical Issues in Stem Cell Research. *Endocrine Reviews*, 30(3), 204–213. <https://doi.org/10.1210/er.2008-0031>

Local focus could help tackle global problems -- ScienceDaily. (n.d.).  
<https://www.sciencedaily.com/releases/2019/01/190117110818.htm>

Luna, R. A., & Foster, J. A. (2015). Gut brain axis: diet microbiota interactions and implications for modulation of anxiety and depression. *Current Opinion in Biotechnology*, 32, 35–41. <https://doi.org/10.1016/j.copbio.2014.10.007>

Mashour, G. A., Frank, L., Batthyany, A., Kolanowski, A. M., Nahm, M., Schulman-Green, D., Greyson, B., Pakhomov, S., Karlawish, J., & Shah, R. C. (2019a). Paradoxical lucidity: A potential paradigm shift for the neurobiology and treatment of severe dementias. *Alzheimer's & Dementia*, 15(8), 1107–1114. <https://doi.org/10.1016/j.jalz.2019.04.002>

Mashour, G. A., Frank, L., Batthyany, A., Kolanowski, A. M., Nahm, M., Schulman-Green, D., Greyson, B., Pakhomov, S., Karlawish, J., & Shah, R. C. (2019b). Paradoxical lucidity: A potential paradigm shift for the neurobiology and treatment of severe dementias. *Alzheimer's & Dementia*, 15(8), 1107–1114. <https://doi.org/10.1016/j.jalz.2019.04.002>

Matamoros S1, Gras-Leguen C, Le Vacon F, Potel G, de La Cochetiere MF. (2013). Development of intestinal microbiota in infants and its impact on health. *Trends Microbiol*. <https://www.ncbi.nlm.nih.gov/pubmed/23332725>

Moments of clarity in dementia patients at end of life: Glimmers of hope? Scientists consider how unexpected awakenings in dementia patients might shed new light on the disease -- ScienceDaily. (n.d.).  
<https://www.sciencedaily.com/releases/2019/06/190628182305.htm>

Motivating eco-friendly behaviors depends on cultural values -- ScienceDaily. (n.d.).  
<https://www.sciencedaily.com/releases/2016/08/160831143017.htm>

Nahm, M., & Greyson, B. (2009). Terminal Lucidity in Patients With Chronic Schizophrenia and Dementia. *The Journal of Nervous and Mental Disease*, 197(12), 942–944. <https://doi.org/10.1097/NMD.0b013e3181c22583>

Nancy MP King. (2014). Ethical issues in stem cell research and therapy. *Stem Cell Research & Therapy*, 5(4). <https://stemcellres.biomedcentral.com/articles/10.1186/scrt474>

New way to reduce food waste: 'Humanizing' produce encourages consumers to overlook a few flaws -- ScienceDaily. (n.d.).  
<https://www.sciencedaily.com/releases/2019/09/190903153825.htm>

Rethinking Humanity: the Chimera Debate » Writing Program » Boston University. (n.d.).  
<https://www.bu.edu/writingprogram/journal/past-issues/issue-2/yu/>

Reversible dementia. (n.d.). <https://link.springer.com/content/pdf/10.1007/BF00873551.pdf>

Sebastian Porsdam Mann. (2019). A framework for the ethical assessment of chimeric

animal research involving human neural tissue. BMC Medical Ethics, 20(1).  
<https://bmcmedethics.biomedcentral.com/articles/10.1186/s12910-019-0345-2>

Shan Liang. (2018). Recognizing Depression from the Microbiota–Gut–Brain Axis. International Journal of Molecular Sciences, 19(6).  
<https://doaj.org/article/9ee3ef4848a6452facc6d44fa7a84ee8>

Sharing patient data: competing demands of privacy, trust and research in primary care. (2005). British Journal of General Practice, 55(519), 783–789.  
<https://bjgp.org/content/55/519/783.full>

Siegel, Andrew. (2008). Ethics of Stem Cell Research.  
<https://plato.stanford.edu/entries/stem-cells/>

Simon AK<sup>1</sup>, Hollander GA<sup>2</sup>, McMichael A<sup>3</sup>. (2015). Evolution of the immune system in humans from infancy to old age. Proc Biol Sci.  
<https://www.ncbi.nlm.nih.gov/pubmed/26702035>

Smith, Y. (n.d.). Allergies and Genetics.  
<https://www.news-medical.net/health/Allergies-and-Genetics.aspx>

Strengthening and Opening Up Health Research by Sharing Our Raw Data. (n.d.).  
<https://www.ahajournals.org/doi/10.1161/circoutcomes.112.965277>

The Power of Stem Cells | California's Stem Cell Agency. (n.d.).  
<https://www.cirm.ca.gov/patients/power-stem-cells>

Volkow, N. D., & Muenke, M. (2012). The genetics of addiction. Human Genetics, 131(6), 773–777. <https://doi.org/10.1007/s00439-012-1173-3>

When it comes to the environment, education affects our actions -- ScienceDaily. (n.d.).  
<https://www.sciencedaily.com/releases/2011/03/110321093843.htm>